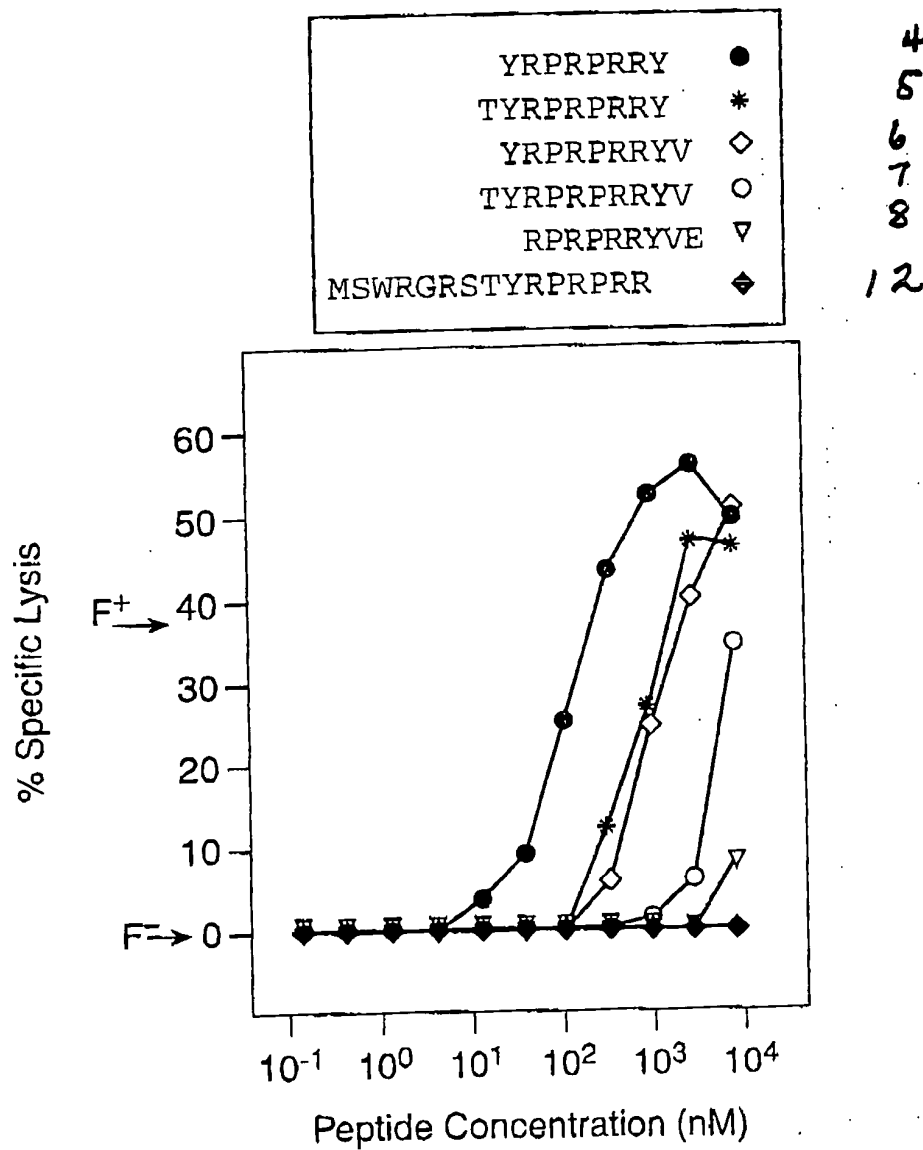


FIG.3

SEQ ID NO:



Seq ID NO. 1

FIG. 4A

01 GAGE-1
14 GAGE-2
15 GAGE-3
14 GAGE-4
17 GAGE-5
18 GAGE-6

-----ACGCCAGGAG CTGTAGGCACTGCTGTGTGCTTCCCTGCCG TCCGACTCTTTTCCCTTACTGAGATTCA
CTCATATTTCACACAGATGAGTTGGCCGAG AAGATCGACCTATTATTTGCTCTAGGCCAAT AATAGTTCGATTTCCCTGCCAAGCTCATAT
-----CGCCAGGGAG CTGTAGGCACTGCTGTGTGCTTCCCTGCCG TCCGACTCTTTTCCCTTACTGAGATTCA
-----AG CTGTAGGCACTGCTGTGTGCTTCCCTGCCG TCCGACTCTTTTCCCTTACTGAGATTCA
-----GCGAGGAG CTGTAGGCACTGCTGTGTGCTTCCCTGCCG TCCGACTCTTTTCCCTTACTGAGATTCA

VDE 44

01 GAGE-1
14 GAGE-2
15 GAGE-3
16 GAGE-4
17 GAGE-5
18 GAGE-6

TCTGTGTAATATGAGTTGGC GAGGAGA TCGACCTATTCGCTTACCTGAGCCCTCCCTGAATGATTGGCCCT
TCTGTGTAATATGAGTTGGC GAGGAGA TCGACCTATTCGCTTACCTGAGCCCTCCCTGAATGATTGGCCCT
TTCACACAGATGAACTCTCAGTTGAGGAGAA TCGACCTATTCGCTTACCTGAGCCCTCCCTGAATGATTGGCCCT
TCTGTGTAATATGAGTTGGC GAGGAGA TCGACCTATTCGCTTACCTGAGCCCTCCCTGAATGATTGGCCCT
TCTGTGTAATATGAGTTGGC GAGGAGA TCGACCTATTCGCTTACCTGAGCCCTCCCTGAATGATTGGCCCT
TCTGTGTAATATGAGTTGGC GAGGAGA TCGACCTATTCGCTTACCTGAGCCCTCCCTGAATGATTGGCCCT

VDE 43

01 GAGE-1
14 GAGE-2
15 GAGE-3
16 GAGE-4
17 GAGE-5
18 GAGE-6

ATGCGGCCCCGAGCAGTTCAGTGAATGAGTG GAACCAACAACCTGAGAGAGGGGAACCA GCACTCAACCTCAGATCCTGCAGCTGCT
ATGCGGCCCCGAGCAGTTCAGTGAATGAGTG GAACCAACAACCTGAGAGAGGGGAACCA GCACTCAACCTCAGATCCTGCAGCTGCT
ATGCGGCCCCGAGCAGTTCAGTGAATGAGTG GAACCAACAACCTGAGAGAGGGGAACCA GCACTCAACCTCAGATCCTGCAGCTGCT
ATGCGGCCCCGAGCAGTTCAGTGAATGAGTG GAACCAACAACCTGAGAGAGGGGAACCA GCACTCAACCTCAGATCCTGCAGCTGCT
ATGCGGCCCCGAGCAGTTCAGTGAATGAGTG GAACCAACAACCTGAGAGAGGGGAACCA GCACTCAACCTCAGATCCTGCAGCTGCT
ATGCGGCCCCGAGCAGTTCAGTGAATGAGTG GAACCAACAACCTGAGAGAGGGGAACCA GCACTCAACCTCAGATCCTGCAGCTGCT

01 GAGE-1
14 GAGE-2
15 GAGE-3
16 GAGE-4
17 GAGE-5
18 GAGE-6

CAGGAGGAGAGGATGAGGGAGCCTCTGCA GGTCAAGGGCCGAAGCCTGAAGCTGATAGC CAGGAACAGGGTCAACCCACAGACTGGGTGT
CAGGAGGAGAGGATGAGGGAGCCTCTGCA GGTCAAGGGCCGAAGCCTGAAGCTGATAGC CAGGAACAGGGTCAACCCACAGACTGGGTGT
CAGGAGGAGAGGATGAGGGAGCCTCTGCA GGTCAAGGGCCGAAGCCTGAAGCTGATAGC CAGGAACAGGGTCAACCCACAGACTGGGTGT
CAGGAGGAGAGGATGAGGGAGCCTCTGCA GGTCAAGGGCCGAAGCCTGAAGCTGATAGC CAGGAACAGGGTCAACCCACAGACTGGGTGT
CAGGAGGAGAGGATGAGGGAGCCTCTGCA GGTCAAGGGCCGAAGCCTGAAGCTGATAGC CAGGAACAGGGTCAACCCACAGACTGGGTGT
CAGGAGGAGAGGATGAGGGAGCCTCTGCA GGTCAAGGGCCGAAGCCTGAAGCTGATAGC CAGGAACAGGGTCAACCCACAGACTGGGTGT

FIG. 4B

VDE 24

568 ID No: 01 GAGE-1 GAGTGTGAAGATGCTCTCTGATGGCCAGGAG ATGGACCCCGCCCAATCCAGAGAGGTGAAG ACCCTGAAGAAGAGATGAGGTCTCACTAT 3
14 GAGE-2 GAGTGTGAAGATGCTCTCTGATGGCCAGGAG ATGGACCCCGCCCAATCCAGAGAGGTGAAG ACCCTGAAGAAG 4
15 GAGE-3 GAGTGTGAAGATGCTCTCTGATGGCCAGGAG ATGGACCCCGCCCAATCCAGAGAGGTGAAG ACCCTGAAGAAG 4
16 GAGE-4 GAGTGTGAAGATGCTCTCTGATGGCCAGGAG ATGGACCCCGCCCAATCCAGAGAGGTGAAG ACCCTGAAGAAG 4
17 GAGE-5 GAGTGTGAAGATGCTCTCTGATGGCCAGGAG ATGGACCCCGCCCAATCCAGAGAGGTGAAG ACCCTGAAGAAG 4
18 GAGE-6 GAGTGTGAAGATGCTCTCTGATGGCCAGGAG ATGGACCCCGCCCAATCCAGAGAGGTGAAG ACCCTGAAGAAG 4

01 GAGE-1 GTTGCCCGAGACTGGGATCTCTCTGGCTTTTA ATGAACAATTGCTTCTTAATCTTTCCCA CGGAACCTGAGTGAATGATATCAAT 4
14 GAGE-2 ----- 4
15 GAGE-3 ----- 4
16 GAGE-4 ----- 4
17 GAGE-5 ----- 4
18 GAGE-6 ----- 4

01 GAGE-1 GCGGAGAGACCCTTTAGTTCCTATCATCTG TGGCATGTGAAGGCAATCAGAGTGTGAAG AGAAGACATGCTGAATGATGCAAGGCTGCT 5
14 GAGE-2 ----- 4
15 GAGE-3 ----- 4
16 GAGE-4 ----- 4
17 GAGE-5 ----- 4
18 GAGE-6 ----- 4

01 GAGE-1 CCTATGTGTGAAGATTTCTTCATTGAGAGTTTC TCCCAATTAAGCTTTACAGCCCTTCTGCAAA GAAAAA 6
14 GAGE-2 CCTATGTGTGAAGATTTCTTCATTGAGAGTTTC TCCCAATTAAGCTTTACAGCCCTTCTGCAAA GAAAAA 5
15 GAGE-3 CCTATGTGTGAAGATTTCTTCATTGAGAGTTTC TCCCAATTAAGCTTTACAGCCCTTCTGCAAA GAAAAA 5
16 GAGE-4 CCTATGTGTGAAGATTTCTTCATTGAGAGTTTC TCCCAATTAAGCTTTACAGCCCTTCTGCAAA GAAAAA 5
17 GAGE-5 CCTATGTGTGAAGATTTCTTCATTGAGAGTTTC TCCCAATTAAGCTTTACAGCCCTTCTGCAAA GAAAAA 5
18 GAGE-6 CCTATGTGTGAAGATTTCTTCATTGAGAGTTTC TCCCAATTAAGCTTTACAGCCCTTCTGCAAA GAAAAA 5

FIG. 5

Seq ID No.	Antigenic Peptide	
26	GAGE-1	MS-WRGHST-MRPRPRRYVPEPEMI GPMRPEQFSDEVEPATPEEGEPATQ RQDPAAQEGEDEGASAGQGPKPEA 7
27	GAGE-2	MS-WRGHST-MRPRPRRYVPEPEMI GPMRPEQFSDEVEPATPEEGEPATQ RQDPAAQEGEDEGASAGQGPKPEA 7
28	GAGE-3	MS-WRGHST-MRPRPRRYVPEPEMI GPMRPEQFSDEVEPATPEEGEPATQ RQDPAAQEGEDEGASAGQGPKPEA 7
29	GAGE-4	MS-WRGHST-MRPRPRRYVPEPEMI GPMRPEQFSDEVEPATPEEGEPATQ RQDPAAQEGEDEGASAGQGPKPEA 7
30	GAGE-5	MS-WRGHST-MRPRPRRYVPEPEMI GPMRPEQFSDEVEPATPEEGEPATQ RQDPAAQEGEDEGASAGQGPKPEA 7
31	GAGE-6	MS-WRGHST-MRPRPRRYVPEPEMI GPMRPEQFSDEVEPATPEEGEPATQ RQDPAAQEGEDEGASAGQGPKPEA 7
26	GAGE-1	DSQEQGHPTGCECEDGPDGQEMDP PNPEEVKTPEEEMRSHYAQTGILW LLMNNCFLLMSPRKP 13
27	GAGE-2	HSQEQGHPTGCECEDGPDGQEMDP PNPEEVKTPEEGEKQSQC----- 11
28	GAGE-3	DSQEQGHPTGCECEDGPDGQEMDP PNPEEVKTPEEGEKQSQC----- 11
29	GAGE-4	DSQEQGHPTGCECEDGPDGQEMDP PNPEEVKTPEEGEKQSQC----- 11
30	GAGE-5	DSQEQGHPTGCECEDGPDGQEMDP PNPEEVKTPEEGEKQSQC----- 11
31	GAGE-6	DSQEQGHPTGCECEDGPDGQEMDP PNPEEVKTPEEGEKQSQC----- 11

7/8

FIG. 6

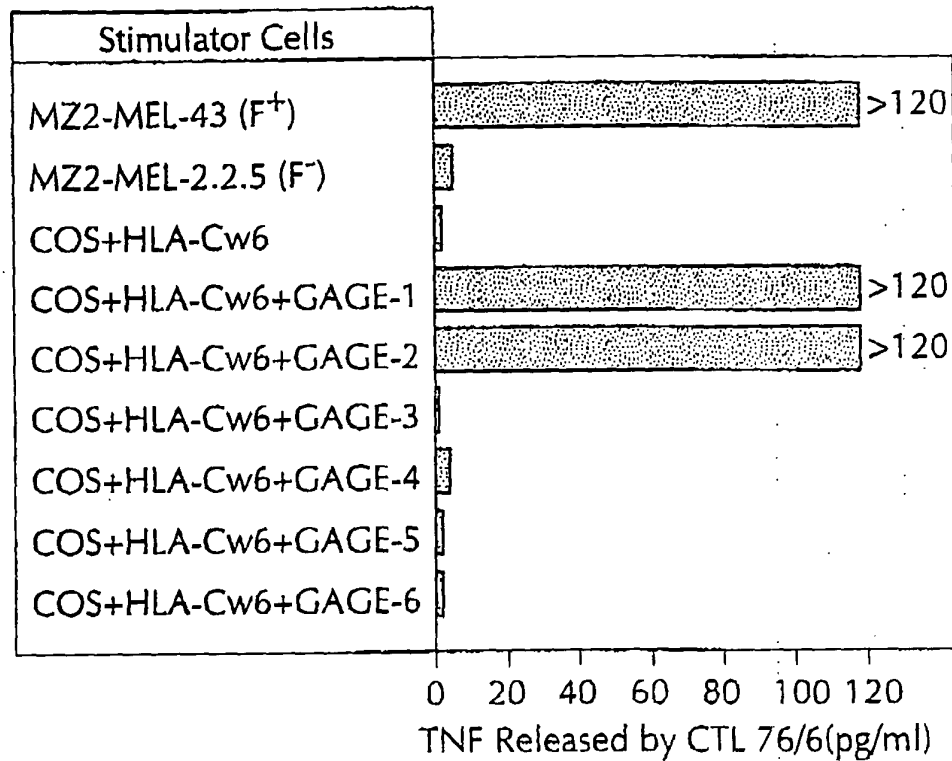
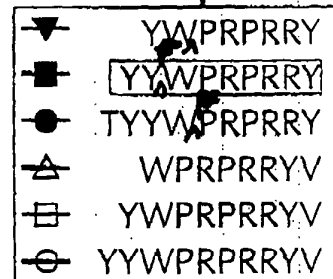
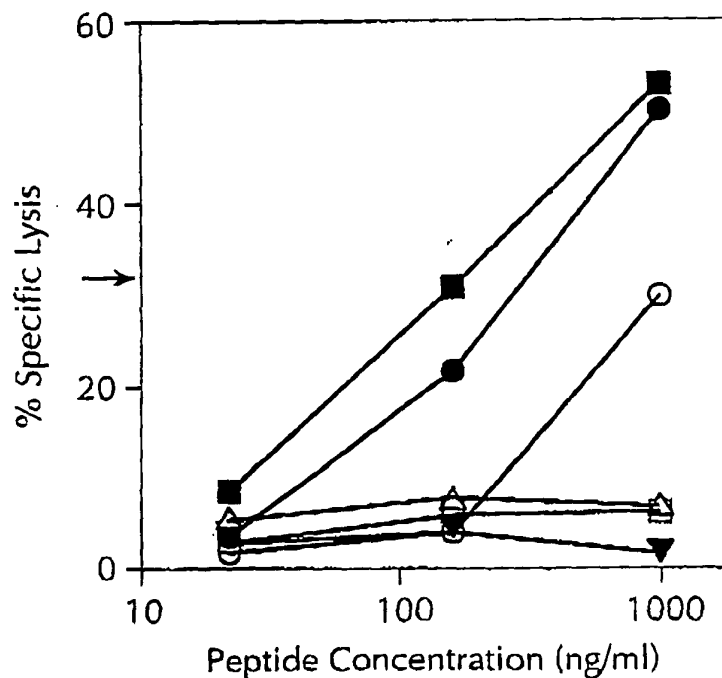


FIG. 8



AMINO
ACID OF
SEQUENCE
NO. 21

5-12
4-12
3-12
6-13
5-13
4-13